



Industrial Monitor  
**DuraVision® FDF2405W**



23.5" Monitor with 240 Hz Refresh Rate for Clear, Stable Satellite Images. The DuraVision FDF2405W reduces image lag with its 240 Hz blur reduction function. The monitor converts 120 Hz input signals to 240 Hz, doubling the number of frames for sharper, highly visible images with reduced motion blur that is caused by frame changes. This greatly contributes to eliminating eye fatigue that occurs when viewing scrolling or moving images. The DuraVision FDF2405W also comes equipped with EIZO's patented drift correction circuit that stabilizes the screen brightness level within minutes after startup or from returning from power save mode. In addition, EIZO's Digital Uniformity Equalizer (DUE) technology improves picture quality by counteracting fluctuations in brightness and chromaticity across the screen.

- High Image Quality for Better Visibility
- Blur Reduction with 240 Hz Refresh Rate
- Stabilized Display and Uniform Color
- EPD Image Support
- Accurate Color with 3D LUT
- Display 3D Content
- Auto EcoView Automatic Brightness Adjustment



# DuraVision® FDF2405W

## Features

**Blur Reduction with 240 Hz Refresh Rate** The monitor converts 120 Hz input signals to 240 Hz to reduce ghosting and blurring that is caused during frame changes. This greatly improves sharpness and visibility and reduces eye fatigue that occurs when viewing scrolling or moving images.

**Full HD (1920 x 1080) LCD Panel** Images are displayed pixel-by-pixel in full high definition that fills the entire screen. Images taken with full HD cameras are reproduced in detail.

**Stabilized Display and Uniform Color** EIZO's patented drift correction circuit quickly stabilizes the screen brightness level within minutes after startup or when returning from power save mode. In addition, EIZO's Digital Uniformity Equalizer (DUE) technology counteracts fluctuations in brightness and chromaticity on different parts of the screen for smoother and more stable image display.

**EPD Image Support** Defined by the National Geospatial Intelligence Agency, EPD (Equal Probability of Detection) gamma displays subtle variations in tones more clearly in undefined areas and distinguishes flat terrain in satellite images. The EPD preset mode ensures that each gradient step between black and white can be detected and defines objects and details that would otherwise remain difficult to see.

**Display 3D Content** The monitor is equipped with a 3-pin mini-DIN connector using a 120 Hz signal so you can display 3D content. It utilizes an active shutter 3D system that synchronizes the high-speed refresh rate of the monitor with the signal from 3D glasses to produce 3D images.

**High Visibility** The wide 176° viewing angles exhibit minimal color shift and contrast change even when viewed from an angle, ensuring accurate color reproduction all the way to the corners of the screen. The high contrast ratio of 5000:1 combined with a brightness of 350 cd/m<sup>2</sup> gives the monitor excellent visibility. The non-glare screen also dissipates reflective light for high readability in bright ambient conditions.

**Versatile Positioning** The monitor comes with a versatile stand that offers up to 194 mm of height adjustment, 30° upward tilt, and 172° left and right swivel capability as well as portrait mode display so you can adjust the screen to the most comfortable position.

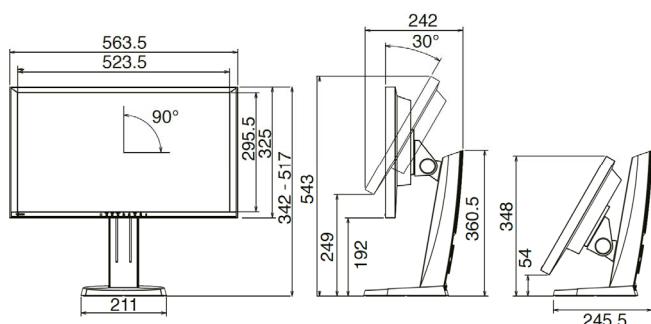
**Automatic Brightness Adjustment** An Auto EcoView sensor on the front of the monitor detects ambient light and automatically optimizes the screen's brightness. Since the screen is never too bright or too dark, eye strain is reduced while power consumption is also cut.

- Energy-efficient LED backlight
- 2 x USB port
- Screen Manager Pro utility software
- Quiet fanless operation
- Backed by a 2-year, 24-hour use warranty

## Specifications

Size	23.5" / 59 cm (598 mm diagonal)
Cabinet Color	Black
Native Resolution	1920 x 1080 (16:9 aspect ratio)
Display Size (H x V)	521.2 x 293.2 mm
Pixel Pitch	0.2715 x 0.2715 mm
Grayscale Tones	256 tones (a palette of 1021 tones)
Display Colors	DisplayPort: 1.07 billion (10-bit) DVI: 16.77 million (8-bit)
Display Type	VA
Viewing Angles (H / V, typical)	176°, 176°
Brightness (typical)	Blur reduction ON: 350 cd/m <sup>2</sup> Blur reduction OFF: 450 cd/m <sup>2</sup>
Contrast Ratio (typical)	5000:1
Response Time (typical)	4 ms (Gray to gray)
Input Terminals	DVI-D 24 pin (with HDCP), DisplayPort (with HDCP)
Digital Scanning Freq. (H / V)	26 - 140 kHz, 59.0 - 122.0 Hz (VGA Text: 69 - 71 Hz)
USB Function	1 port for monitor control 2-port USB hub
USB Standard	USB 2.0
Audio Output Terminal	3-pin mini-DIN x 1
Power Requirements	AC 100 - 120 V / 200 - 240 V, 50 / 60 Hz
Maximum Power Consumption	70 W
Typical Power Consumption	34 W
Power Save Mode	Less than 0.7 W
Standby Mode	Less than 0.5 W
Power Management	DVI DMPM, Auto EcoView
Preset Modes	User1 (EPD), User2, User3, Paper
Digital Uniformity Equalizer	Yes
Auto EcoView	Yes (Default: Disabled)
OSD Languages	English, French, German, Italian, Japanese, Simplified and Traditional Chinese, Spanish, Swedish
Others	Color (Brightness, Black level, Saturation, Hue, Temperature, Gamma, Gain, Outline Enhancer, Blur Reduction, 6 colors), Screen Size, Power Save, Auto-EcoView, Indicator, Language, Orientation, Menu Position, Input Selection, Mode Preset, Signal Info, Monitor Info, Reset
Net Weight (With / Without Stand)	8.4 kg / 5.8 kg
Height Adjustment Range / Tilt / Swivel	175 mm / 30° Up, 0° Down / 172° Right, 172° Left
Temperature	0 - 35 °C
Humidity (R.H., non condensing)	20 - 80 %
Certifications & Standards	CB, CE, cTUVus, FCC-B, Canadian ICES-003-B, TUV/S, VCCI-B, CCC, C-tick, GOST-R, RoHS, WEEE, China RoHS
Supplied Accessories	Power cord, Signal cable (DVI-D - DVI-D (Dual Link), DP - DP), USB cable, Setup Manual, CD-ROM (PDF user's manual)
Warranty	Two Years

## Dimensions (mm)



Specifications are subject to change without notice.



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